

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/36551

| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A61K 38/14, 38/16; C07K 9/00, 14/00 US CL : 514/8; 530/322, 395 According to International Patent Classification (IPC) or to both national classification and IPC | | |
|--|--|--|
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 514/8; 530/322, 395 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | US 5,212,298 A (RADEMACHER ET AL) 18 May 1993 (18/05/93), see entire document. | 1-30 |
| A | US 5,262,312 A (HOLLA ET AL) 16 November 1993 (16/11/93), see entire document. | 1-30 |
| X | US 2003/0153492 A1 (DANISHEFSKY ET AL) 14 August 2003 (14/08/2003), see entire document, especially Figure 15. | 1-4, 21, 22 |
| X | US 2003/0158093 A1 (SUN ET AL) 21 August 2003 (21/08/03), see entire document, especially Table 1. | 17-20, 29, 30 |
| X | PALLAN et al. Glycopeptide-Membrane Interactions: Glycosyl Enkephalin Analogues Adopt Turn Conformations by NMR and CD in Amphipathic Media. Journal of the American Chemical Society. 22 April 2003, Volume 125, Number 19, pages 5823-5831, especially Figure 1. | 9-12, 25, 26 |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
| * Special categories of cited documents: | | |
| "A" | document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" | earlier application or patent published on or after the international filing date | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" | document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" | document published prior to the international filing date but later than the priority date claimed | |
| Date of the actual completion of the international search 08 June 2005 (08.06.2005) | | Date of mailing of the international search report 24 JUN 2005 |
| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 | | Authorized officer Jeffrey E. Russell Telephone No. (571) 272-1600 |

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



in written format



in computer readable form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in computer readable form



furnished subsequently to this Authority for the purposes of search

2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

3. Additional comments: The computer readable form copy of the sequence listing filed with this application on 01 November 2004 was not approved. The computer readable form copy of the sequence listing subsequently filed on 01 March 2005 also was not approved.

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Continuation of B. FIELDS SEARCHED Item 3:

EAST, DIALOG

search terms: glycoconjugate, glycopeptide, conjugate, saccharide, sugar, anomeric, sidechain, serine, threonine, hydroxyproline, tyrosine, lysine, hydroxylysine, arginine, aspartic, glutamic